## What is claimed is:

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- 1. A method of administering an MFP connected to a network comprising discovering MFPs; building an MFP database comprising data regarding the MFP discovered; discovering drivers; building a driver database comprising data identifying at least one MFP each driver is applicable to; and building a relationship database comprising an associated MFP/driver record for each allowable combination.
- 2. The method of claim 1, wherein discovering MFPs comprises using SNMP to locate and identify an MFP.
- 10 3. The method of claim 1, wherein building an MFP database comprises parsing standard printer MIB data
  - 4. The method of claim 1, wherein discovering drivers comprises locating a driver file comprising metadata within a driver repository.
- 5. The method of claim 4, wherein the metadata is XML metadata.
  - 6. The method of claim 4, wherein the metadata identifies each MFP capable of being associated with each driver.

- 7. The method of claim 6, wherein building the driver database comprises parsing the metadata.
  - 8. The method of claim 7, wherein building a relationship database comprises creating a relational database with a many-to-many relationship linking a primary key of the MFP database with a primary key of the driver database for each allowable combination of MFP/driver relationships based upon MFP model and driver model compatibility.
  - 9. The method of claim 1, further comprising constraining the drivers prior to discovering the drivers.
- 10. The method of claim 1, further comprisingconstraining the driver after discovering the drivers, and prior to building30 the driver database.
  - 11. The method of claim 1, further comprising constraining the associated MFP/driver combinations prior to building the relationship database.

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- discovering and building an MFP database using SNMP Standard Printer MIB data for each MFP; discovering drivers located on a network; parsing XML data associated with each driver to build a driver database; and joining the MFP database and the driver database in a many-to-many relationship using the XML metadata for each driver to identify

  compatible MFPs for each driver to produce an associated MFP/driver record for each allowable combination.
  - 13. The method of claim 12, further comprising constraining drivers prior to discovering drivers located on the network.
- 14. The method of claim 12, further comprising45 constraining drivers after discovering drivers and prior to building the driver database.
- 15. The method of claim 12, further comprising constraining allowable combinations of associated MFP/driver records prior to joining the MFP database and the driver database in a many-to-many relationship.

- 16. A system for associating available MFPs with available drivers comprising a general purpose computer means for processing data, wherein the computer processor means is adapted to connect to a network; a first means for discovering MFPs connected to the network; a second means for building an MFP database comprising MFP data; a third means for discovering drivers; a fourth means for building a driver database; and a fifth means for joining the MFP database with the driver database in a many-to-many relationship.
- computer program for associating an MFP with a driver comprising a first software routine for discovering an MFP; a second software routine for building an MFP database comprising data regarding the MFP discovered; a third software routine for discovering a driver; a fourth software routine for building a driver database comprising data

  identifying at least one MFP the driver is applicable to; and a fifth software routine for building a relationship database comprising an associated MFP/driver record for each allowable combination.

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